

RIMAN, Josef; VASELY, Jiri; SEIFERT, Jaroslav

Quantitative cytochemical studies concerning the growth of haemopoietic organs. III. Development of cellularity and enlargement of organ mass of the rat bone marrow during postnatal ontogenesis. Neoplasma, Bratisl. 6 no.1:43-55 1959.

1. Institute of Chemistry, Czechoslovak Academy of Sciences, Prague
Dr. J. Riman and co-workers, Praha 19, Na cvicisti 2, Chemicky ustav
CSAV.

(BONE MARROW, anat. & histol.
cellularity & enlargement of rat bone marrow during postnatal
develop cytochem. aspects.)

RÍMAN, Josef.

✓ Diagnosis of glycogenosis. Jiří Veselý, Miroslav Mi-
tern, and Josef Ríman (I. dětská klinika, Prague). *Časopis*
Lékařů českých 94, 1052-6 (1955).—Two case histories of the
von Gierke disease are reported. Increased concns. of gly-
cogen were found in leucocytes (10-20 γ /10⁶ cells), erythro-
cytes (0.06-0.18 γ /10⁶ cells), and whole blood (26 mg. %) 3
of one of the patients by the Somogyi method modified
according to R. Wagner (C.A. 41, 1007g). Histochem.
demonstration of glycogen in peripheral blood cells was
possible, but not decisive for the diagnosis as it could
not be evaluated quantitatively. Glycemic curves of
the glucose-tolerance test, adrenaline test, insulin test, and
galactose-tolerance test did not show any characteristic
abnormal features. I. M. Hais

RIMAN, Josef; SEIFERT, Jaroslav; VESELY, Jiri

Quantitative cytochemical studies concerning the growth of haemopoietic organs. II. Development of cellularity and enlargement of organ mass of the rat thymus during postnatal ontogenesis. Neoplasma, Bratisl. 6 no.1: 31-42 1959.

1. Institute of Chemistry, Czechoslovak Academy of Sciences, Prague Dr. J. Riman and co-workers, Praha 19, Na Cvicisti 2, Chemicky ustav CSAV. (THYMUS, anat. & histol. cellularity & hyperplasia of rat thymus during postnatal develop.)

KINER, J.; SHAFER, J.; ROSS, J.

Experimental viral leukaemia is a rapidly growth process.
iii. Systematic fluctuation of enzymatic activities connected
with nucleotide metabolism and RNA synthesis during the
leukaemic process in vivo. *Folia Biol. (Praha)* 1976, 22:15-
236 104.

1. Laboratory for biochemical investigation, Department
of Nuclear Acids and Protein Synthesis, Institute of Organic Chemistry
and Biochemistry, Czechoslovak Academy of Sciences, Prague.

12. Observed cell leukemia as a function of time (Fig. 17).
 13. Quantitative analysis of the morphological characteristics of Eo strain A virus particles during the primary infection in the blood. For the (rod) 11. 87-11. 90

1. Laboratory for the Biochemical Investigation of Cancer,
Biochemistry Department, Institute of Organic Chemistry and
Biochemistry, Czechoslovak Academy of Sciences, Prague.

PTMAN, J.; ... J.

Notes on the ... (AT-case) and ... in the ... of ... (leukaemia and oblasosis).
Bolia ... 1963-65

1. Laboratory for Biochemical Investigation of Cancer, Department
of Nucleic Acids and Nucleosynthesis, Institute of Organic Chemistry
and Biochemistry, ...

RIMAN, J.; Addendum by: MIKESKA, J.

Experimental viral leukaemia as a rhythmic growth process.
I. Cytoquantitative study of the cumulation of leukaemic cells
in blood. Folia biol. (Praha) 10 no.5:331-345 '64.

1. Laboratory for Biochemical Investigation of Cancer,
Department of Nucleic Acids and Proteosynthesis, Institute
of Organic Chemistry and Biochemistry, Czechoslovak Academy
of Sciences, Prague.

RIMEK, J.; RIMEK, J.

Experimental viral leukaemia as a rhythmic growth process.
II. Systematic fluctuation of the adenosinetriphosphate
(ATP) content and changes in the free adenine nucleotide
(ATP, ADP, AMP) pool in leukaemic cells during the leu-
kaemic process. Folia biol. (Praha) 10 no.5:346-358 '64.

1. Laboratory for Biochemical Investigation of Cancer,
Department of Nucleic Acids and Proteosynthesis, Institute
of Organic Chemistry and Biochemistry, Czechoslovak Academy
of Sciences, Prague.

SEIFERT, J.; RIMAN, J.

Regulatory mechanisms associated with DNA synthesis in avian
leukaemic myeloblasts. Folia biol. (Praha) 11 no.2:156-167 '65

1. Laboratory for Biochemical Investigation of Cancer, Nucleic
Acid and Proteosynthesis Department, Institute of Organic Chem-
istry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

TRAVNICKA, A.; BURKO, L.; RYMAN, J.; SVOIN, F.

The nucleotide composition of the RNA of the Avian Myeloblastosis virus (BAI strain A) and of the nucleic acids of leukemic myeloblasts. Neoplasma (Bratisl.) 11 no. 5: 531-534 1964

1. The Laboratory of Biochemical Investigation of Cancer, Department of Nucleic Acids and Protein Synthesis, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.

GOSTOF, R.; RIMAN, J.

Time factor in biotin metabolism in various diseases with special reference to liver diseases. *Pediat. listy, Praha* 7 no. 4:204-206 July-Aug 1952. (CLML 23:1)

1. Of the Pediatric Clinic (Head--Prof. J. Svejcar, M. D.) of Charles University, Prague.

HOMOLKA, J.; RIMAN, J.

Variations of vitamin H level in maternal milk during a period
of 12 months (September 1948-August 1949). *Pediat.listy* 5 no.6:
326-328 Nov-Dec 50. (CIML 20:5)

1. Of the First Children's Clinic of Prof.J.Svejcar, Prague.

RIMAN, Ludek

Experiences from a study trip to the German Democratic Republic. Vest ust zemedel 11 no.1:25-27 '64.

1. Vyskumny ustav rastlinnej vyroby, Piestany.

RIMAN, Ludek, kand. biolog. vied.

Analysis of the problem of foreign pollen. Biologia 16 no.3:218-228
'61. (EEAI 10:9/10)

1. Vyskumny ustav rastlinnej vyroby v Piestanoch.

(POLLEN)

RIMAN, L.

"The state of research on heterogenous fertilization in plants."

p. 166 (Ceskoslovenska Biologie, Vol. 7, no. 2, 1958
Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

RIMAN, Ludek

Biology of heterogenous pollen. Biologia 16 no.2:86-96 '61.
(EEAI 10:8)

1. Vyskumny ustav rastlinnej vyroby, Piestany.
(POLLEN)

L 56714-65 EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(o) Pf-4/Ped
IJP(c) MJW/JD/HW/JG

ACCESSION NR: AP5013222

CZ/0065/65/G00/002/0198/0216

AUTHOR: Riman, R. (Rzhiman, R.); Kasova, I. (Kashova, I.)

TITLE: Effect of thermomechanical treatment on structure and properties of heat resistant nickel-base alloys

SOURCE: Kovove materialy, no. 2, 1965, 198-216

TOPIC TAGS: nickel alloy, chromium containing alloy, titanium containing alloy, aluminum containing alloy, cobalt containing alloy, boron containing alloy, alloy treatment, thermomechanical treatment/AKNC alloy, AKND alloy

ABSTRACT: The effect of high temperature thermomechanical treatment (HTMT) on nickel-base alloys AKNC (0.10% C, 19.80% Cr, 2.58% Ti, 0.56% Al, 0.005% B) and AKND (0.09% C, 16.92% Cr, 17.10% Co, 2.88% Ti, 0.98% Al) has been investigated. Alloy bars 18 x 23 mm were austenitized at 1080 C (AKNC) or 1100 C (AKND) and rolled with reductions of 15, 25, or 40%, either immediately or after cooling to 950 to 960C. Rolling was done at a speed of 0.12, 1.5, or 3 m/sec and was followed by spray quenching. The HTMT produced a significant strengthening under all the conditions tested, especially with rolling at 950-960C with a reduction of 40%. However, the cooling rate used was too low to prevent recrystallization in the central portion and even on the surface of the bars. In bars rolled at 1080C with

Card 1/2

L 56714-65

ACCESSION NR: AP5013222

40% reduction, the surface hardness (HV₃₀) was 268—276 and the center hardness was 229—235, which was still higher than that of conventionally treated alloy (197). Only in AKND alloy rolled at 950C with 15% reduction did no recrystallization occur and its surface hardness (238—249) was roughly equal to that of the center (239—242). Aging at 700C for 16 hr raised the hardness of AKNC alloy to 359—400 and that of AKND alloy to 403—427 and reduced the difference between surface and center. In stress-rupture tests at 700C under a stress of 36 kg/mm², the rupture life of thermomechanically treated and aged AKNC alloy varied from 40 to 195 hr compared to 550—875 hr for conventionally treated alloy. AKND alloy tested at 815C under a stress of 20 kg/mm² had a rupture life 20% shorter than that of conventionally treated alloy. Annealing and aging of thermomechanically treated alloys brought about no significant improvement in heat resistance. Orig. art. has: 13 figures and 2 tables. [DV]

ASSOCIATION: Vyzkumny ustav hutnictvi zeleza, Prague (Research Institute of Ferrous Metallurgy)

SUBMITTED: 25Sep64

ENCL: 00

SUB CODE: MM, IE

NO REF SOV: 010

OTHER: 009

ATD PRESS: 4036

Card 2/2

RIMAN, Ya.S., inzhener; TAMOYAN, G.S., inzhener.

New explosion-proof equipment for controlling mine winches. Vest.
elektroprem. 28 no.3:74-77 Mr '57. (MLRA 10:4)

1. Zavod imeni Karla Marksa Ministerstva elektropromyshlennosti.
(Electric relays) (Mine heating)

EXCERPTA MEDICA Sec.15 Vol.10/2 Chest Diseases Feb 57

376. ŘÍMANOVA V. and STÝBLO K. Výzkumný Ústav Tuberk., Praha. *Léčba a prognóza minimálních plicních tuberkulóz. Treatment and prognosis of minimal pulmonary tuberculosis. ROZHLED. TUBERK. 1956, 16/5 (225-232) Tables 1 Illus. 13

119 patients with minimal pulmonary tuberculosis lesions treated at the Bulovka Hospital Department of Tuberculosis in Prague during the years 1946-51, were evaluated for this study. In 42 patients, whose lesions were deemed inactive on admission, deterioration of the disease occurred 6 times (15%), after more than 5 yr. from the date of diagnosis. Of 77 patients, whose disease was considered active on admission, 31 (40%) became worse 0.5-4 yr. after their first admission. Reasons for deterioration include: lack of sufficiently prolonged and energetic treatment (the majority did not receive anti-tb drugs), insufficient dispensary care, besides other factors such as pregnancy, alcoholism, lack of discipline, unsuitable work, and mental trauma. Cavitation developed in 17% of the cases under observation.

Blumberg - Jevičko

RIMANOVA, V.

Results of the treatment of tuberculosis with nicotinic acid derivatives. Prakt. lek., Praha 32 no. 17:381-382 5 Sept 1952.

(CJML 23:1)

1. Of the Lung Department (Head--Docent Rudolf Krivinka, M.D.) of State District Hospital in Bulovka.

8. 10. 1964. (1964. 10. 10.) (1964. 10. 10.)

10. 10. 1964. (1964. 10. 10.) (1964. 10. 10.)
10. 10. 1964. (1964. 10. 10.) (1964. 10. 10.)

RYMAR, V.A. [Rymar, V.A.]

Technology of the manufacture of woven lock-fasteners. Len. prom.
no.4:57-70 (MIRA 18:1)
(MIRA 18:1)

RIMARENKO, B.A.

✓ Rimarenko, B. A. On a class of monotonic polynomials.

Dopovidi Akad. Nauk Ukrain. RSR 1952, 96-99 (1952).

(Ukrainian. Russian summary)

The author solves two extremal problems for the class $B_n^{(h)}$ of polynomials $y_n(x) = p_0 x^n + p_1 x^{n-1} + \dots + p_n$ whose odd derivatives up to order $2h+1$ are non-negative on the whole real axis, and whose even derivatives up to order $2h$ are non-negative at -1 . (1) Find the minimum oscillation L_n of $y_n(x)$ on $(-1, 1)$ if $p_0=1$, and p_1 and p_2 are assigned. (2) Find L_n if $y_n^{(2h+1)}(\xi)$ is assigned at a prescribed ξ .

R. P. Boas, Jr. (Evanston, Ill.).

10-28-54 LL

PORADOVSKY, K.doc. dr., CSc.; PACIN, J.; RIMAROVA, J.

Anticoagulants. Cesk. gynek. 30 no.1:26-31 Mr '65.

1. Gyn.-por. klinika Lekarske fakulty University P.J. Safarika
v Kosiciach (prednosta: doc. dr. K. Poradovsky, CSc.) a Krajska
ved.-inform. kancelaria SPOFA v Kosiciach.

PORADOVSKÝ, K., doc. dr. CSc.; (Kosice, Fakulta nemocnica); RIMAROVA, J.

Effective pharmacotherapy of obstetric shock. Cesk. gynek.
30 no.1:57-61 Mr'65.

I. Gyn.-por. klinika Lekarske fakulty University P.J. Safarika
v Kosiciach (prednosta: doc. dr. V. Poradevsky, CSc.) a Krajska
ved.-inform. kancelaria Spofa v Kosiciach.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
BC Hydroxyethyl ethers of cellulose. II. Higher ethers. P. P. SONNENSHIN and J. A. REMASOV. <i>SKAZA</i> (J. Gen. Chem. Russ., 1953, 6, 1622-1628).—Cellulose dihydroxyethyl ether (I) is prepared by soaking the mono-ether (II) in 33% NaOH, and treating the product with $(CH_3CH_2O)_2O$ in $CHCl_3$; the trihydroxyethyl ether (III) is prepared similarly from (I). (II) is sol. in H_2O but not in org. solvents, (I) is sol. in H_2O and EtOH, but not MeOH, and (III) is sol. in H_2O, EtOH, and MeOH; all are insol. in $CHCl_3$. The order of the solutions falls in the order (II) > (I) > (III). The ethers are readily acetylated by AcOH in presence of catalysts (H_3PO_4, $ZnCl_2$). Various nitrates of the ethers are described. R. T.																			
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ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
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PROCESSES AND PROPERTIES INDEX																							
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Ethers of cellulose with glycerol. II. P. P. SCHERBIN and J. A. REZASCHENKAYA (J. Gen. Chem. Russ., 1938, 8, 1803-1809).—The mono-glyceryl ether obtained from cellulose and $\text{OH-CH}_2\text{-CH(OH)-CH}_2\text{Cl}$ containing 1% of $\text{OH-CH(CH}_2\text{Cl)}_2$ (I) is insol. in H_2O, and its acetates and nitrates are insol. in AcOH or COMe. This effect is ascribed to making of adjacent cellulose chains by β-hydroxypropyl bridges formed from (I). Only relatively inconsiderable destruction of cellulose is involved in the reactions of formation of mono- and di-glyceryl ethers. R. T.																							
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BC

PROCESSES AND PROPERTIES INDEX

Glyceryl ethers of cellulose. I. P. P. SCHWARTZ and J. A. RIMSKY-KORSAKOV (J. Gen. Chem. Russ., 1937, 7, 2482-2485).—Cellulose is treated successively with 33% NaOH and with glyceryl chloride (I) or glycidic alcohol, when ethers containing up to 9 glyceryl groups per $C_6H_7O_2$ unit are obtained. The solubility of the products in H_2O is considerable when pure (I) is used, but falls with increasing concn. of $CH(CH_2Cl)_2-OH$ (II) in the (I) used; (II) alone gives an insol. product. R. T.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

BC

PROCESSES AND PROPERTIES INDEX

B-1-5

Hydroxyethyl ethers of cellulose. III. Hydroxyethyl ethers of a low degree of etherification. P. P. SOMOVICH and J. A. RIMASCHENSKAYA (J. Appl. Chem. Russ., 1966, 39, 1634-1637).—Cellulose is soaked in 21% NaOH for 20 min., and then in 25% (CH₃)₂O (l) in COMe₂ (6 hr. at 30°; 0.45 mol. of (l) per C₆H₁₀O₅ unit). The product is sol. in 8% NaOH at -10°, and is pptd. from the solution by 10% aq. NaCl. Threads prepared from mixtures of the ether with viscose are weaker than those from viscose alone. R. T.

ASTM-ILA METALLURGICAL LITERATURE CLASSIFICATION

ASTM-ILA METALLURGICAL LITERATURE CLASSIFICATION

ASTM-ILA METALLURGICAL LITERATURE CLASSIFICATION

KASIMOVSKIY, Ye.V.; BRAGINSKIY, B.I.; BUKHANEVICH, B.A.; MANEVICH,
Ye.L.; SHKURKO, S.I.; KAPUSTIN, Ye.I.; MAYYER, V.F.;
MIL'NER, G.V.; GOTLBER, V.M.; CHEFAROVA, G.P.;
RIMASHEVSKAYA, H.M.; MARKOV, V.I.; MIRKIN, V.D.; FILIPPOV,
V.V., red.

[Problems of labor economics] Problemy ekonomiki truda. Mo-
skva, Ekonomika, 1965. 309 p. (MIRA 18:8)

ZOLOTAREV, Valentin Ivanovich; RIMASHEVSKIY, Bronislav Adamovich;
MARTIROSOV, A.Ye., red.

[Il'ichevsk sea port] Il'ichevskii morskoi port. Moskva,
Transport, 1964. 54 p. (MIRA 18:5)

DUDRA, A. [deceased]; KOVANIC, L.; RIMAROVA, A.

The curve of urinary mercury excretion and its relation to the duration of the occupational exposure to mercury by factory workers. Bratisl. Lek. Listy 42 no.9:535-539 '62.

1. 'Zo Stomatologickej kliniky Lek. fak. Univerzity P.J. Safarika v Kosiciach, veduci doc. MUDr. A. Ruzicka, a z oddelenia pre choroby z povolania Internej kliniky Lek. fak. Univ. P.J. Safarika v Kosiciach, prednosta MUDr. B. Hambos.

(MERCURY POISONING)

(OCCUPATIONAL DISEASES)

GOMBOS, B.; DUDRA, A. [deceased]; MAGDO, J.; BENICKY, L.; RIMAROVA, A.

Chronic mercury poisoning. Bratisl. Lek. Listy. 42 no.9:540-548
'62.

1. Z oddelenia pre choroby z povolania Internej kliniky Lek. fak.
Univ P.J. Safarika v Kosiciach, veduci prof. MUDr. F. Por, zo
Zubnej kliniky Lek. fak. Univ. P.J.Safarika v Kosiciach, veduci
doc. MUDr. A. Ruzicka, z Neurologickej kliniky Lek. fak. Univ.
P.J. Safarika v Kosiciach, veduci doc. MUDr. J. Hympan.
(MERCURY POISONING)

RIMAROVA, A.

DUDRA, A.

CZECHOSLOVAKIA

no academic degree indicated

Stomatological Clinic, Medical Faculty, P.J. Safarik University (Stomateologicka klinika Lek. fak. University P.J. Safarika), Kosice; Director: docent RUZICKA A, MD; and Department for Occupational Diseases, Internal Clinic, Medical Faculty, P.J. Safarik University (Oddelenie pre choroby z povolania Internej kliniky Lek. fak. Univ. P.J. Safarika), Kosice; Director: B. GOMBOS, MD.

Bratislava, Bratislavské Lekárske Listy, No 9, Nov 62, pp 535-539.

"The Curve of Mercury Excreted in the Urine as Related to the Length of Occupation in Mercury Factory Workers"

Co-authors:

KOVANIC, L. same as above

RIMAROVA, A. " " "

6. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1987).

100

RIMASHEVSKAYA, N.

Studying the incomes and structure of families with children. Biul.
nauch. inform.: trud i zar. plata 4 no.12:45-50 '61. (MIRA 15:1)
(Home economics)

KAPUSTIN, Ye.I., kand.ekon.nauk; LAVROV, V.V.; RYUMIN, S.M.; KONSTANTINOV, Yu.A.; PRAVDIN, D.I., kand.ekon.nauk; KIRILLOVA, N.I.; RIMASHEVSKAYA, N.M.; AMTROPV, B.F.; RYABKOV, F.S.; POPOV, G.A.; DEM'YANOVA, V.A.; SMOIYAR, I.M.; ACHARKAN, V.A., kand. yurid.nauk; BRONER, D.L.; SHEPTUN, Ye.V.; KRYAZHEV, V.G.; ALESHINA, F.Yu., kand. ekon. nauk; KUZNETSOVA, N.P.; MARKOVICH, M.B.; BIBIK, L.F.; BUDARINA, V., red.; GRIGOR'YEVA, I., mladshiy red.; CHEPELEVA, O., tekhn. red.

[Public consumption funds and improving the welfare of the people in the U.S.S.R.] Obschestvennye fondy i rost blagosostoiania naroda v SSSR. Moskva, Sotsekgiz, 1962. 222 p. (MIRA 15:6)
(Cost and standard of living)

AGANBEGYAN, Abel Gezevich; BELKIN, Viktor Danilovich; BIRMAN, Igor' Yakovlevich; KARAPETYAN, Armen Khachaturovich; RIMASHEVSKAYA, Nataliya Mikhaylovna; TRET'YAKOVA, Al'bin Feoktistovna; KONIKOV, L.A., red.; PONOMAREVA, A.A., tekhn. red.

[Using mathematics and electronic machines in planning] Primenenie matematiki i elektronnoi tekhniki v planirovanii. Moskva, Izd-vo ekon. lit-ry, 1961. 290 p. (MIRA 14:11)

(Russia—Economic policy) (Economics, Mathematical)
(Electronic analog computers)

RIMASHEVSKAYA, N.

Seminars on the use of mathematical and statistical methods in the
study of national consumption problems. Biul.nauch.inform.: trud i
zar. plata 3 no.12:52-56 '60. (MIRA 14:3)
(Consumption (Economics) (Economics, Mathematical)

REKASIEVSKAYA, N.

Differentiated balance as a basis for planning the structure of
turnover. Sov. tog. 35 no.11:21-25 N '61. (MIRA 14:10)
(Consumption(Economics))

AGABEGYAN, A.G.; BELKIN, V.D.; BIRMAN, I.Ya.; KARAPETYAN, A.Kh.;
RIMASHEVSKAYA, N.N.; TRET'YAKOVA, A.F.

Production, distribution and use of national income in
the U.S.S.R. Nauka i zhizn' 29 no.12:26-27 D '62. (MIRA 16:3)
(Income)

KHARSHAN, Sh.A.; RIMASHEVSKIY, A.I.

Observing the snow cover on the Oyskiy Range (Western Sayan Mountains). Trudy TSIP no.96:76-84 '60. (MIRA 13:6)
(Oyskiy Range---Snow)

KIMASHFV0000 H 1

63

PHASE I BOOK EXPLOITATION

SOV/4158

Moscow. Tsentral'nyy institut prognozov

Voprosy prognozov stoka rek (Forecasting River Flow) Moscow, Gidrometeoizdat
(Otd-niye)., 1960. 125 p. Errata slip inserted. 1,000 copies printed.
(Series: Its: Trudy, vyp. 96)

Additional Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy
sluzhby.

Ed. (Title page): A.N. Vazhnov; Ed. (Inside book): M.I. Sorokina; Tech.Ed.:
I.M. Zarkh.

PURPOSE: This publication is intended for hydrologists and hydroelectric
engineers.

COVERAGE: This issue of the Transactions of the Central Institute of Fore-
casting contains 6 articles on problems in forecasting river discharge.

Card 1/3

Forecasting River Flow

SOV/4158

Individual papers discuss the underground and snowmelt feed of rivers, the use of aerial photographs in the investigation of snow cover, and the calculation of the unstabilized movement of water in the tailrace of a hydroelectric power plant. References accompany each article.

TABLE OF CONTENTS:

Afanas'yev, A.I. Use of Aerial Photographs of Snow Cover Disappearance in Calculating the Snow Melting	3
Afanas'yev, A.I. Theoretical and Empirical Curves of Snow Cover Distribution Over a Certain Area	24
Vazhnov, A.M. Underground Feeding of Mountain Streams During the Flood Period and Summer Low-Water Period	35
Vazhnov, A.M. Methods of Forecasting Summer-Fall Discharge of Transcaucasian Rivers	56

Card 2/3

Forecasting River Flow

SOV/4158

Kharchan, Sh.A., and A.I. Rimashevskiy. Observations of Snow Cover Over the Oyskiy Range (Western Sayan)

76

Zhidikov, A.P. Calculation of the Unstabilized Movement of Water in the Tailrace of the Rybinskaya Hydroelectric Power Plant Under Daily Regulation Conditions, According to the Method of G.P. Kalinin and P.I. Milyukov

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AVAILABLE: Library of Congress

Card 3/3

JA/dwm/gmp
9-7-60

PRIDANTSEV, A.I. (Moskva); RIMASHEVSKIY A.V. (Moskva);
SCLOV'YEV, A.N. (Moskva)

Method for continuous viscosity measurement. PMTF no.1:128-132
Ja - F '61. (MIRA 14:6)
(Viscosimetry)

36117

S/124/62/000/004/026/030

D251/D301

262197

AUTHORS: Pridantsev, A. I., Rimashevskiy, A. V. and Solov'yev, A. N.

TITLE: Continuous measurement of the viscosity of liquids

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 4, 1962, 142, abstract 4B899 (Zh. prikl. mekhan. i tekhn. fiz., 1961, no. 1, 128-132)

TEXT: A description is given of a vibrational method and apparatus for continuous measurement of the viscosity temperature and pressure. The method is based on the measurement of the amplitude of the natural oscillations of a plate loaded with the liquid to be tested. The experimental apparatus consists of two self-induction coils and a central rod with a probe going down into a glass beaker with two walls, between which the fluid circulates from a thermostat, maintaining constant temperature conditions during the experiment. One coil serves to excite the oscillations provided by a 'tuning-fork' generator, the other for their registration. Cham-

Card 1/2

Continuous measurement of ...

S/124/62/000/004/026/030
D251/D301

bers are provided for the sharp reduction of electrical, magnetic and other interference (magnetic screens, soft suspension massive resistances, etc.). Stability of working of the electronic scheme is achieved after pre-heating in the flow for 2 - 3 hours. In comparison with other vibrational methods, this method guarantees a much higher degree of precision (0.5 - 1%). With the aid of this method measurements were made of the viscosity of benzol, toluol and ethyl- and n-butyl alcohol at temperatures from 10 - 70°C. The results of the measurements agreed well with the values from the tables. 5 references. [Abstracter's note: Complete translation.]

Card 2/2

RIMASHEVSKIY, B.

Heavy cargo loading by gantry cranes in the Il'ichevsk harbor.
Mor.flot 23 no.2:14-15 F '63. (MIRA 16:2)

1. Starshiy tekhnolog Il'ichevskogo porta.
(Il'ichevsk--Harbor) (Cranes, derricks, etc.)

EXCERPTA MEDICA Sec.10 Vol.3/7 Obstetrics July 55

1531. RIMBACH E. Univ. - Frauenklin., Jena. * Der Einfluss der Strumektomie bei der Entwicklung des Korpuskarzinom. The influence of strumectomy on the development of carcinoma of the corpus uteri ZBL. GYNÄK. 1954, 76/32 (1254-1258)

Among 204 patients older than 50 yr. with endometrial carcinoma, 16 (7.8%) had undergone strumectomy, whereas the same operation had been carried out in 3 (0.7%) of 408 patients of the same age group with benign gynaecological affections. From the marked predominance of strumectomized patients among those with carcinoma of the uterine body, it is concluded that hypothyroidism exerts a carcinogenic influence on the endometrium. The possible mechanisms of action are discussed.

Wespi - Aarau (X, 6, 5, 16)

ACHARKAN, V.A.; BARSKOV, I.M.; BIRYUKOV, I.S.; BORODINA, L.Ya.; BRENNER, M.M.;
 GORELIK, B.Ye.; GUMEROV, M.N.; ZORKAYA, N.M.; IOYRYSH, A.I.;
 KAYDALOVA, O.N.; KAPUSTIN, Ye.I.; LEBEDEVA, M.A.; LESHKOVTSYEV, V.A.;
 LYSENKO, V.P.; MARKIN, A.B.; MIKHAYLOV, M.N.; NEST'YEV, I.V.; NECHAYEV,
 N.V.; NIKOL'SKIY, A.V.; OSTROUKHOV, M.Ya.; PISARZHEVSKIY, O.N.;
 POLUBOYARINOV, M.M.; POPOV, Yu.N.; PRASOLOV, M.A.; POKATAYEV, Yu.N.;
 RIMBERG, A.M.; RYABOV, V.S.; SEMKOV, B.F.; SPERANSKAYA, Ye.A.; TAKOYEV,
 K.F.; TRIFONOVA, G.K.; TROFIMOVA, V.I.; SHAKHNAZAROV, G.Kh.; SHKAREN-
 KOVA, G.P.; SHMERLING, K.G.; EYDEL'MAN, B.I.; MIKAEKYAN, E.A., red.;
 MUKHIN, Yu.A., tekhn.red.

[U.S.S.R. as it is; a popular illustrated handbook] SSSR kak on est';
 populiarnyi illiustrirovannyi spravochnik. Moskva, Gos.izd-vo polit.
 lit-ry, 1959. 462 p. (MIRA 12:2)

(Russia)

RIMDZHYUTE, D.K. [Rimdziute, D.]: MITSKUS, M.A. [Mickus, M.]; MATULIS, Yu.Yu.
[Matulis, Juozas]

Composition and some properties of cathode films forming in the
electrolysis of the solutions of chromic acid. Liet ak darbai B
no.4:91-102 '59. (EPAI 9:3)

1. Institut khimii i khimicheskoy tekhnologii AN Litovskoy SSR.
(Chromic acid) (Electrolysis)
(Cathodes)

RIMEN, V. KH.

S/132/62/000/001/005/010
AC52/A127

AUTHORS: Brovman, M. Ya., Gertsev, A. I., Zelichenok, B. Yu., Krivonosov, Yu. I., Rimen, V. Kh., Sokol, V. N., Mel'nikov, A. F.

TITLE: Investigating the power parameters of the 2000 mill of the Orsko-Khalilovskiy metallurgicheskiy kombinat (Orsk-Khalilovo Metallurgical Combine)

PERIODICAL: Stal', no. 1, 1962, 45 - 48

TEXT: To increase the output of the 2000 mm mill, tests were carried out at the Orsko-Khalilovskiy metallurgicheskiy kombinat (Orsk-Khalilovo Metallurgical Combine), in cooperation with the Yuzhneural'skiy mashinostroitel'nyy zavod (Southern Ural Mechanical Engineering Plant). These tests were aimed at investigating the motor capacity and the metal pressure on the rolls. The mill consisted of two stands: a 2-high roughing stand (with rolls of 60XH (60KhN) and 60XF (60KhG) steel, barrel diameter: 1,150 mm, roll-neck diameter: 690 mm), and a reversing 4-high finishing stand (work-roll diameter: 800 mm, diameter of the support rolls: 1,400 mm). Carbon and low-alloy steel sheets (Cr.3Kh/St.3kp, 14TH/14GN, 15XCHd/15KhSND, Cr.0/St.0, Cr.5/St.5), 8 - 50 mm thick, 1,500 -

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Investigating the power parameters of...

S/133/62/CCG/CG1/CC5/010
A054/A127

2,500 mm wide and 18 m in length are rolled on the stands. The operation of the 2-high stand consists of 4 longitudinal passes, tilting through 90° and 6 - 8 passes for lateral deformation, with 2 - 4 subsequent longitudinal passes. In order to ensure accurate dimensions, a special gauge is used in which several rods of the same height are mounted instead of one and in which the wire pickups are connected in series, thus not depending on the load distribution between the rods. The power parameters were determined by rolling 41 slabs (2.7 - 4.7 tons) on the 2-high and 36 strips on the 4-high stand. The rolling conditions on the 2-high stand are given in a table. The pressure values obtained for the 2-high stand are 1,040 tons during the first longitudinal rolling, 1,940 tons during the lateral rolling and 2,360 tons during the second longitudinal rolling. The metal pressure on the 4-high stand is 2,090 tons, usually the stand works with 1,300 - 1,700 tons pressure and a reduction of 20 - 25%. The pressures actually applied during rolling remain below the permissible level. The results were also checked by comparing them with experimental values for the motor torques, calculated for various metal pressures. The comparison yielded practically identical values. The pressure gaugings were carried out at roll-rotation rates of 30 - 45/min on the 2-high stand and at 60 - 80 rpm on the 4-high stand. By increasing the roll

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Investigating the power parameters of...

3/13/62/000/001/010
A054/A127

speed the metal pressure could be raised by 8 - 10% on the 2-high stand and by 2 - 7% on the 4-high stand. The final conclusions drawn from these tests were that the design and the 4-high stands of the 2,800 mm strip mill are not fully loaded when rolling St.3 and St.3kp sheets, and, taking into account the motor capacity, the reductions could be increased by 30 - 40%, thus raising the stand output by 10 - 15%. However, actually it is only possible to reduce the number of passes from 8 to 6 when rolling laterally. The best way to improve the operation of the mill is by modifying the reductions on both stands in such a way, that the reduction in thickness on the 2-high stand be increased thus producing a thinner strip for the 4-high stand. There are 3 figures and 9 references; 1 non-Soviet-bloc and 8 Soviet-bloc. The reference to the English-language publication reads as follows: A. Nadai, M. I. Manjone. Journal of Applied Mechanics, 1941, no. 6.

Card 3/3

BROVMAN, M. I.; RIMEN, V. I.

Evaluation of outstanding experimental data in mechanical tests.
Dev. lab. 30 no. 7:860-862 '64. (MIRA 18:3)

1. Yuzhno-Ural'skiy mashinostroitel'nyy zavod.

BROVMAN, M.Ya.; GERTSEV, A.I.; ZELICHENOK, B.Yu.; KRIVONOSOV, Yu.I.;
RIMEN, V.Kh.; SOKOL, V.N.; MEL'NIKOV, A.F.

Investigating the electric drive parameters of the 2800 mill in
the Orsk-Khalilovo Metallurgical Combine. Stal' 22 no.1:45-48
Ja '62. (MIRA 14:12)

1. Yuzhnoural'skiy mashinostroitel'nyy zavod i Orsko-Khalilovskiy
metallurgicheskiy kombinat.
(Ural Mountains---Rolling mills---Electric driving)

VYDRIN, V. N.; BROVMAN, M. Ya.; RIMEN, V. Kh.

Elastic longitudinal vibrations of strips being rolled on continuous mills. Izv. vys. ucheb. zav.; Chern. met. 7 no. 4:83-87 '64.
(M RA 17:5)

1. Chelyabinskiy politekhnicheskii institut.

VYDRIN, V.N., doktor tekhn. nauk, prof.; BROVMAN, M.Ya., kand.tekhn.nauk;
RIMEN, V.Kh., Inzh.

Dynamometers for measuring stresses in continuous rolling mills.
Izv.vys.ucheb.zav.; mashinostr. no.5:162-167 '64.

(MIRA 18:1)

1. Chel'yabinskiy politekhnicheskii institut (for Vydrin). 2. Yuzhno-
Yral'skiy mashinostroitel'nyy zavod (for Brovman, Rimen).

BROVMAN, M.Ya.; RIMEN, V.Kh.; BELOV, Ye.M.; KRYLOV, A.P.; VOLKOGON, G.M.

Investigation of electric power parameters in the rolling of nonferrous metals. TSvet. met. 34 no.8:60-65 Ag '61. (MIRA 14:9)

1. Yuzhno-Ural'skiy zavod tyazhelogo mashinostroyeniya (for Brovman, Rimen, Belov).
 2. Orskiy zavod obrabotki tsvetnykh metallov (for Krylov, Volkogon).
- (Rolling (Metalwork)) (Nonferrous metals)

BROVMAN, M.Ya.; VYDRIN, V.N.; YERMOKHIN, F.K.; KISLYUK, V.A.; KRAYNOV, V.I.;
LEVINTOV, S.D.; RIMEN, V.Kh.; SEREBRYAKOV, A.N.; SHEYDER, B.E.

Method of controlling the tension in continuous rilling mills.

Stal' 25 no.7:629-631 J1 '65.

(MIRA 18:7)

BROVMAN, M.Ye., GERTSEV, A.I., ZEMCHENKO, V.I., KOVANEV, M.V., SIMEN,
V.Kh., FIEEL', E.I.

Power parameters of rolling in rolls with a special shape of
the surface. Stal' 25 no. 3:251-253 Mr. 162. (MIRA 1974)

RIMER, D., lector (Iasi)

Modernization of teaching mathematics in the
Rumanian General Education Schools. Gaz mat fiz
14 no.8:421-431 Ag '62.

RIMER, S.; RIMER, D.

Possibilities of applying mathematical methods for production
planning on the level of the enterprises. Ind text Rum 13
no.6:232-234 Je '62.

RIMAR, D.

"From experiences in teaching astronomy in Iasi", p. 466; "issued by the Rumanian Society of Mathematics and Physics. Monthly". (GAZETA MATEMATICA SI FIZICA, SERIA, A. Vol. 6, no. 10, 1954. Bucuresti, Rumania).

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 4, No. 5, May, 1955.

RIMER, Sarlota; RIMER, D.

Some problems pertaining to the application of mathematics to chain production. Ind text Rum 14 no.1:10-16 Ja '63.

1. Institutul politehnic, Iasi (for Rimer, Sarlota).
2. Universitatea "Al. I. Cuza", Iasi (for Rimer, D.).

RIMER, S.; RIMER, D.

Possibilities of applying mathematical methods for production planning on the level of the enterprises. Ind text Rum 13 no.6:232-234 Je '62.

RIMER, Sarlota; RIMER, D.

Some problems pertaining to the application of mathematics to chain production. Ind text Rum 14 no.1:10-16 Ja '63.

1. Institutul politehnic, Iasi (for Rimer, Sarlota).
2. Universitatea "Al. I. Cuza", Iasi (for Rimer, D.).

RESEARCH, I. I.

Chemistry - Study and Teaching

Utilizing local material in teaching chemistry.
Khim. v shkole no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ^{YYY}1953, Uncl.



Ca

Determination of the melting point of porphyrins and other darkly colored substances under polarized light
C. Runnington and P. Symons. *Mikrochim. Acta* 3, 16 (1938). The m. p. of dark colored substances such as the porphyrins can be detd. advantageously with the micro-melting p. app. of Kotler ref. C. I. 25, 1121; 29, 27 under polarized light. The property of birefringence in the solid state causes the material to shine brightly when the surrounding field is at its max. extinction. The moment melting takes place, this color fades but reappears when resolidification has taken place. Double m. p. detns. can be made with ease on the same specimen. W. F. H.

11 B

A S & S L A METALLURGICAL LITERATURE CLASSIFICATION

COMMON VARIABLE NOTE

RUMANIA/General Biology. General Histology.

B-3

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71557

Author : Riminiceanu, C.; Miclea, C., Dragan, M.,
Covaci, L., Dinca, C.

Inst : Rumanian Academy, Timisoara Base.

Title : Morphological Changes of the Chondriome of
Embryonic Chicken Liver Cells under the
Influence of Morphine Introduction.

Orig Pub : Studii si cercetari stiint. Acad. RPR, Baza
Timisoara, Ser. stiinte med., 1956, 3, No
1-2, 39-48

Abstract : By investigating the quantitative and quali-
tative changes of the chondriome of embryonic
chicken liver cells under the influence of
daily (from the 4th to 15th day of incubation)

Card : 1/2

USSR / General Problems of Pathology. Allergy.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102426.

Author : Lasas, Vl.; Rimkeviciute, Vl.; Eigirdaite, E.

Inst : Kaunas Medical Institute.

Title : On the Problem of Unspecific Desensitization of
the Organism in the Condition of Anaphylaxis.

Orig Pub: Kauno med. inst. darbai, 1957, 5, 275-286.

Abstract: In sensitized rabbits, the course of anaphylactic shock did not change in intravenous introduction of ACTH; urethan narcosis and dissection of cervical nerves, introduction of pituitrine, vitamin C, dimedrol decrease the shock; extracts from the tissue of tonsils considerably inhibit the anaphylactic reaction. In hypothermia shock does not develop. -- From the author's resume.

Card 1/1

32

GIRDZIJAUSKAS, V., doktor med. nauk; VIKONYTE-VASILJEVIENE, D.,
kand. med. nauk; BORISEVICIENE, H.; KANTAUSKAS, V.;
RIMKUNAS, A., red.; ANAITIS, J., tekhn. red.

[Practical handbook of medical microbiology] Medicinines
mikrobiologijos praktinis vadovas. Vilnius, Valstybine
politines ir moklines literaturos leidykla, 1961. 431 p.
(MIRA 15:3)

1. Akademiya nauk Litovskoy SSR (for Girdzijauskas).
(MICROBIOLOGY)

KUZ'MIN, S. (Moskva); KOLESNIKOV, V. (g. Lugansk); MARININ, I.; RIMKUS, K.;
POPRUGA, V.; OGORODNIKOV, K.; IVANOV, G.; YAKOVLEV, K. (g. Chel-
boksary); FERULEV, A.

Readers's letters. Izobr. i rats. no. 7:30-31 J1 '59.
(MIRA 12:11)

1. Predsedatel' zavodskogo soveta Vsesoyuznogo obshchestva izobre-
tateley i ratsionalizatorov teplovozostroitel'nogo ordena Lenina
zavoda im. Oktyabr'skoy revolyutsii (for Kolesnikov). 2. Otvetst-
vennyy sekretar' rayonnoy gazety "Borisovskaya kommuna", Belgorod-
skaya obl. (for Marinin). 3. Nachal'nik Byuro sodeystviya ratsionali-
zatsii i izobretatel'stvy (BRIZ), g. Dneprozerzhinsk (for Rimkus).
4. Redaktor gazety "Znamya Dzerzhinski", g. Dneprodzerzhinsk (for
Popruga). 5. Direktor Ural'skogo Doma tekhniki, g. Sverdlovsk (for
Ogorodnikov). 6. Starshiy inzhener Byuro sodeystviya ratsionalizatsii
i izobretatel'stvy (BRIZ) Voronezhskogo parovozoremontnogo zavoda
imeni Dzerzhinskogo, g. Voronezh (for Ivanov). 7. Predsedatel'
zavodskoy organizatsii Vsesoyuznogo obshchestva izobretateley i
ratsionalizatorov Lys'venskogo metallurgicheskogo zavoda, g. Lys'va
(for Ferulev).

(Efficiency, Industrial)

SVETIKA, Pranas, dots., zasl. agronom Litovskoy SSR; EIDZIUNAS, Jonas, agr.; BARANAUSKIENE, M., agr.; GRINEVICIUS, H., agr.; KUZMIENE, G., inzh., technolog; LESINSKAS, A., agr.; PETRAUSKAS, R., inzh.-mekhanik; REPSIENE, D., agr.; RIMKUS, P., agr.; STANCEVICIUS, A., agr.; BUTKUS, A., red.; GOTLERIS, D., tekhn. red.

[Vegetable gardening] Darzininkyste. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 622 p.
(MIRA 15:3)

(Vegetable gardening)

PIKULETA, Yur. P., Cand Biol Sci (diss) -- "The effect of light on certain physiological functions and the fur of the silver-black fox". Vil'nyus, 1960.

30 pp (Min Higher and Inter Spec Educ USSR, Vil'nyus State Univ V. Kapsukas),

250 copies (SI, No 14, 1960, 130)

EXCERPTA MEDICA Sec 17 Vol 5/7 Public Health July 59

2094. A DETECTION CAMPAIGN OF LEAD POISONING IN A POLYGRAPHIC PLANT - Considerații pe marginea unei acțiuni de depistare a saturnismului într-o întreprindere poligrafică - Rimniceanu R., Beuran T., Florescu P., Aramă O., Nestor A., Vasiliu I. - MED. INTERNA (București) 1958, 10/2 (285-291)

The clinical and laboratory examination of 175 subjects working at a printing-plant demonstrated the low percentage of lead poisoning (1.14%) and the absence of massive impregnation. These beneficial results are due to prophylactic measures and to modern technological conditions. In many cases, the clinical signs preceded the manifestations which could be demonstrated by means of laboratory methods.

Nicolaescu - Bucharest (VI, 17, 19)

ROMANIA / Chemical Technology. Chemical Products and II
Their Applications. Safety and Sanitation.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12256.

Author : Riminiceanu, R.; Beuran, T.; Florescu, T.; Arama O.;
Pestor, Aurelia; Vasiliu, I.

Inst : Not given.

Title : On the Prophylaxis of Zinc Poisoning in Polygraphic
Enterprises.

Orig Pub: Med. interna, 1958, 10, No 2, 285-291.

Abstract: Methods are described for diagnosing zinc poison-
ing. Statistical data are cited on the results
of the medical examination of 173 workers of a
polygraphic enterprise. -- Z. Khaimskiy.

Card 1/1

16

24

13

Introduction of hardness reducers in mining operations.
B. B. Rimkevich. *Prom. Stroitel. Material.* 1941, No. 2, 67-71; *Chem. Zentr.* 1942, II, 1837.—The results of investigations carried out by various Russian tech. institutes for the purpose of facilitating the drilling of various rocks are summarized. The following materials are recommended for reducing the hardness of the rocks mentioned to facilitate drilling: Na_2CO_3 , Na_2CO_3 with NaOH or naphthenic soaps for carbonate rocks; NaCl , AlCl_3 , naphthenic soaps for quartz rock; NaCl , AlCl_3 , Na_2CO_3 , MgCl_2 for granites, peridotites and gneiss; NaCl for argillaceous shales; and NaCl , AlCl_3 , Na_2CO_3 for diabase and diorite. The concn. of the softening solns. varies with the kind and hardness of the individual kind of rock.

M. G. Moore

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

RIMKEVICHYTE, V. B.

"Change in the Smooth Muscle Organ Reactivity of the Intestines and Uterus During Anaphylactic Shock." Cand Med Sci, Inst of Experimental Medicine, Acad Sci, Lithuanian SSR, Vilnius', 1954. (RZhBiol, No 6 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

CEPULIS, Stasys, prof., doktor med. nauk; RIMKUNAS, A., red.; SARKA, S.,
tekm. red.

[Diseases of the mucous membrane of the oral cavity] Burnos
ertmes gleivines susirgimai. Vilnius, Valstybine politines ir
mokslines literaturos leidykla, 1961. 14 p. (MIRA 15:3)
(MUCOUS MEMBRANE) (MOUTH—DISEASES)

ABRAITIS, Blaziejus, prof., doktor med. nauk; RIMKUNAS, A., red.;

~~APPROVED FOR RELEASE: Tuesday, August 01, 2000~~ CIA-RDP86-00513R0014

[Human embryology] Zmogaus embriologija. Vilnius, Valstybine
politines ir mokslines literaturos leidykla, 1962. 234 p.
(MIRA 16:5)

(EMBRYOLOGY, HUMAN)

KAMPERIS, Yurgis, kand. med. nauk; RIMKUNAS, A., red.; SARKA, S.,
tekhn. red.

[Tuberculosis is curable] Tuberkulioze - isgydoma. Vilnius,
Valstybine politines ir mokslines literatūros leidykla, 1961.
19 p. (MIRA 15:3)

(TUBERCULOSIS)

8 (6)

SOV/112-57-5-9968

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 48 (USSR)

AUTHOR: Rimkus, A. A.

TITLE: Role of Vertical Piers in the Functioning of a Turbine Casing and the Wicket-Gate Mechanism (Rol' opornykh stoyek v rabote turbinnoy kamery i napravlyayushchego apparata)

PERIODICAL: Tr. Mosk. inzh.-stroit. in-ta, 1956, Nr 16, pp 71-74

ABSTRACT: An experimentally determined dependence of the coefficient of resistance of guide-vanes and the angle of attack, with symmetrical vane shape, shows that within the angles -5° to $+20^{\circ}$ the pressure loss practically does not increase; it increases considerably only with the angles greater than -13° and $+40^{\circ}$. The angle of attack can be varied by the shape of vertical piers. It is pointed out that this method can increase the turbine efficiency by 1%. With small encompassing angles (120° - 160°) of the scroll case, the vertical piers played the most important part. It has been found experimentally

Card 1/2

SOV/112-57-5-9968

Role of Vertical Piers in the Functioning of a Turbine Casing and the Wicket-

that with a correct shape of the vertical piers, the hydraulic losses in a 135° scroll case practically do not exceed those in a 180° scroll case. The gap between the pier and the guide vane has also an effect on the local pressure losses.

I.I.O.

Card 2/2

RIMKUS, A.A., kand.tekhn.nauk

Improving the hydraulic properties of the upper heads of
locks with a headgate filling system. Gidr. stroi. 32
no.12:44-45 D '61. (MIRA 15:2)
(Locks(Hydraulic engineering))

RIMKUS, A.A., kand.tekhn.nauk

Importance of supporting wickets in the operation of the turbine casing and guide vanes. Trudy MISI no.16:71-74 '56. (MIRA 11:8)
(Hydraulic turbines)

RILKUS, A. Yu. Cand Geol Sci -- "Shuette of pine trees, its propagation in the Lithuanian SSR, the ^{phenological} development of its germ, and ^{defining} ~~refinement~~ of measures for controlling it." Vil'nyus, 1960 (Min of Higher and Secondary Specialized Education USSR. Vil'nyus State Univ im V. Kapsukas). (KL, 1-61, 189)

RIMKUTE E.

SCIENCE

PERIODICAL: DARBAI. SERIJA P. TRUDY. SERIJA B. No. 2, 1958

Rimkute E. The influence of shortened light exposure on the development of hair of the young black-silver foxes with different functioning of thyroid gland.
p. 197.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 2,
February 1959, Unclass.

Spectroscopy in the analysis of steels S. S. Rimlyand, *Bull. acad. sci. U. R. S. S., Ser. phys.* **4**, 225-6 (1940).—The spectroscopic analysis of steels for Cr, Si, Mo and Mn by means of a *steelometer* is carried out with the following pairs of lines: Cr $\lambda = 5208$ Å. and Fe $\lambda =$

5227 Å., Si λ = 6340 Å. and Fe λ = 6318 Å., Mo λ = 5531 Å. and Fe λ 5502 Å., Mn λ = 4821 Å. and Fe λ = 4850 Å., Mn λ = 4783 Å. and N λ = 4803 Å. The deviation from the results of direct chem. analysis varied from 0.03% to 0.08%.

Roksolana Gamow

Roksalana Gamon

ASNT-SLA METALLURGICAL LITERATURE CLASSIFICATION

24(7)

FRASE I BOOK EXPLANATION

L'kov. Universitet

307/1700

Materialy I Vsesoyuznogo soveshchaniya po spektroskopii, 1956. t. III. Atomnaya spektroskopiya (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol. 2: Atomic Spectroscopy). Moscow: Izdatvo L'vovskogo univ., 1958. 568 p. (Series: Its: Fizicheskii sbornik, vyp. 4(9)). 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

Editorial Board: G.S. Landsberg, Akademitsian, (Resp. Ed.); I.S. Reporent, Doctor of Physical and Mathematical Sciences; I.L. Fabelinskii, Doctor of Physical and Mathematical Sciences; V.A. Fabrikant, Doctor of Physical and Mathematical Sciences; V.O. Koritackii, Candidate of Technical Sciences; S.M. Rayakii, Candidate of Physical and Mathematical Sciences; L.K. Klimovskaya, Candidate of Physical and Mathematical Sciences; V.S. Milyanchuk (Deceased), Doctor of Physical and Mathematical Sciences; Glimberman, Doctor of Physical and Mathematical Sciences; Ed.: S.L. Gaser, Tech. Ed.: T.V. Saranyuk.

PURPOSE: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectroscopy presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, physicochemical methods for controlling uranium production, physics and technology of metal vapors, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and the combustion theory, spectral determination of ores and minerals, photographic methods for the determination of the hydrogen content of metals and alloys, means of isotopes, tables, and analyses of spectra, laser spark spectrographic analysis, statistical studies of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

Card 2/31

307/1700

Materials of the 10th All-Union Conference (Cont.)

Sventitskiy, M.S., K.A. Sudnenko, O.B. Fal'kova, P.P. Galenov, K.I. Taganov, and M.S. Alpatov. Spectrum Analysis of Titanium, Molybdenum, and Their Alloys for Nitrogen, Hydrogen, and Oxygen 225

231

Aleksandrova, A.S., Ye.I. Vorontsov, and S.S. Malyand. Work With Pulse Generators

Rudelya, Ye.S. Some Aspects of the Entry of Sample Components Into the Discharge With Spark Excitation of Spectra 233

242

Rudelya, Ye.S. Nature of the Structure Effect in Spectrum Analysis of Metal Alloys

244

Orlik, I.A. Mechanism of the Entry of the Sample Component Into the Analytic Gap and Methods for Eliminating Alloy Structure Effect on the Results of Spectrum Analysis

Card 15/31

MINAMINE, S.S.

"Some Results of the Use of Spectroscopy in the Analysis of Steels," Iz. Ak. Nauk SSSR Ser
Fiz. 4, No. 1, 1940.

MEMORANDUM, 1. 3.

U. S. 1 1957, EMBLEM: PIA 14, 611-17, 1950

ISERSON, K.G.; Prinimali uchastiye: SHIRINKIN, N.P.; RIMM, E.R.;
OGORODNIKOV, V.L.

Mechanical properties of LK-80-3L brass at high temperatures.

Lit. proizv. no.8:37 Ag '62. (MIRA 15:11)
(Brass founding) (Metals at high temperatures)

TARNOVSKIY, I.Ya.; RIMM, E.R.

Increase in width and power consumption during rolling with
smooth rolls, using tension. Izv. vys. ucheb. zav.; Chern.
met. 7 no.7:96-103 '64 (MIRA 17:8)

1. Ural'skiy politekhnicheskiy institut.

KONOVALOV, G.F. inzh.; RIMM, E.R., inzh.

Effect of nonmetallic inclusions on the weldability of sheet iron
in pack rolling. Izv.vys.ucheb.zav.; chern.met. no.9:87-90
S '58. (MIRA 11:11)

1. Severskiy metallurgicheskiy zavod.
(Metals--Defects) (Rolling (Metalwork)) (Welding research)

TARNOVSKIY, I.Ya.; KOLMOGOROV, V.L.; RIMM, E.R.

Stressed state during the swaging of a strip with stiff ends
(plane problem). Izv. vys. ucheb. zav.; chern. met. 7 no.10:
86-91 '64. (MIRA 17:11)

1. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I. Ia., KONDOROV, V.I., RINKE, E.B.; VOSKRESEN, G.A.

Variation method of calculating the state of stress during
rolling. Izv. vys. ucheb. zav.; Chern. met. 7 no.12:78-87 '64
(MIRA 18:1)

1. Uralskiy politicheskii institut.

DMOKHOVSKIY, V.V.; KORNEV, I.I.; PERESLEGIN, I.A.; RIMMAN, A.F.

Formation of dose fields in rotation gamma-ray therapy. Med. rad.
6 no.2:57-64 '61. (MIRA 14:3)
(COBALT--ISOTOPES) (RADIOTHERAPY)